

Rose-Hulman Institute of Technology

Rose-Hulman Scholar

The Rose Thorn Archive

Student Newspaper

Fall 10-21-1983

Volume 19 - Issue 8 - Friday, October 21, 1983

Rose Thorn Staff

Rose-Hulman Institute of Technology, library@rose-hulman.edu

Follow this and additional works at: <https://scholar.rose-hulman.edu/rosethorn>

Recommended Citation

Rose Thorn Staff, "Volume 19 - Issue 8 - Friday, October 21, 1983" (1983). *The Rose Thorn Archive*. 638.
<https://scholar.rose-hulman.edu/rosethorn/638>

THE MATERIAL POSTED ON THIS ROSE-HULMAN REPOSITORY IS TO BE USED FOR PRIVATE STUDY, SCHOLARSHIP, OR RESEARCH AND MAY NOT BE USED FOR ANY OTHER PURPOSE. SOME CONTENT IN THE MATERIAL POSTED ON THIS REPOSITORY MAY BE PROTECTED BY COPYRIGHT. ANYONE HAVING ACCESS TO THE MATERIAL SHOULD NOT REPRODUCE OR DISTRIBUTE BY ANY MEANS COPIES OF ANY OF THE MATERIAL OR USE THE MATERIAL FOR DIRECT OR INDIRECT COMMERCIAL ADVANTAGE WITHOUT DETERMINING THAT SUCH ACT OR ACTS WILL NOT INFRINGE THE COPYRIGHT RIGHTS OF ANY PERSON OR ENTITY. ANY REPRODUCTION OR DISTRIBUTION OF ANY MATERIAL POSTED ON THIS REPOSITORY IS AT THE SOLE RISK OF THE PARTY THAT DOES SO.

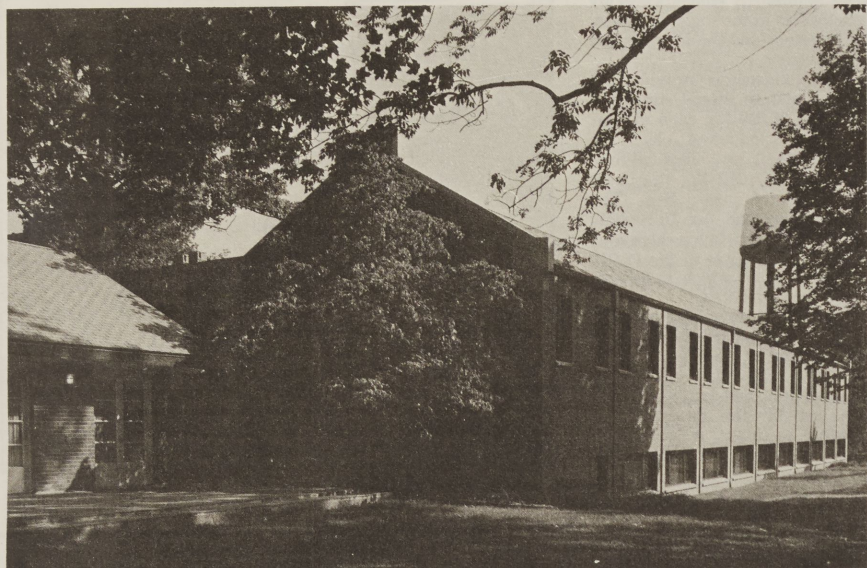
This Book is brought to you for free and open access by the Student Newspaper at Rose-Hulman Scholar. It has been accepted for inclusion in The Rose Thorn Archive by an authorized administrator of Rose-Hulman Scholar. For more information, please contact weir1@rose-hulman.edu.

the Rose Thorn

Vol. 19, No. 8

Rose-Hulman Institute of Technology

OCTOBER 21, 1983



Olin Hall will be dedicated in ceremonies this weekend. See pages 4 and 5 for details.

Rose fully accredited

by Joe Weist

"Rose received the best accreditation I've ever seen," said President Hulbert after reviewing the report of the Accrediting Board for Engineering and Technology.

ABET, the Accrediting Board for Engineering and Technology, is an organization which accredits programs of study in engineering and technology. This rating is recognized by all of the professional Societies.

To pass the accreditation process Rose had to be screened on many facets of everyday college life. ABET's accreditation covered diverse areas, including the school library, faculty, space problems, lab areas, testing procedures, books used, and class curricula.

The school received what is known as a "maximum accreditation," which means that Rose will be fully accredited for the next six years, or until 1988. President Hulbert said, "in all the schools I've been associated with, never has one received maximum accreditation."

President Hulbert indicated that the recent construction of Olin Hall helped with meeting the tough standards of ABET. Rose received few general criticisms. The major complaint was that the school library is not

used effectively by the student body. Another criticism was the chemical engineering program contains too few design classes. The chemical engineering department curriculum contains a loophole so a student can take less than the minimum number of design classes required for full accreditation.

However, ABET does concede that after a complete examination of student transcripts, that no student fell below the minimum level. President Hulbert commented that "good counseling has prevented this potential loophole from developing." The program is being changed so that the loophole cannot occur.

When asked why this accreditation is so important, President Hulbert responded that in this country 20% of all engineering students are enrolled in programs of study that are not accredited in any way and that 50% of all engineering students are enrolled in limited accreditation. "Unfortunately, most of these students do not realize that the programs are not accredited." Because only 34% of all colleges have full accreditation, students graduating from these schools may have a head start on other engineering graduates.

Because of the positive report,

Rose does not have to undergo any "specific improvements between now and 1988." When asked if this was going to stop Rose from expanding, President Hulbert said it would not. "In the late sixties and early seventies the concentration of capital improvements was on the student union and residence halls." Priorities have now been placed upon academic facilities.

With the renovation of Moench, a new goals committee was formed. Some preliminary suggestions include the cultural side of college life, including the possible addition of a performing arts center and a chapel. Also being considered are a residence hall and swimming pool.

Olin Dedication Saturday

Formal dedication ceremonies for Olin Hall, a \$4.75 million new academic building, are scheduled for 10 a.m., Saturday, Oct. 22.

The building, which houses classrooms and laboratories for chemical engineering, civil engineering and the life sciences, was underwritten by the Olin Foundation. The foundation funded the design, construction, fixed equipment and furnishings for the 52,000-square-foot structure.

Four trustees of the Olin Foundation will arrive on campus Friday afternoon for an informal tour of the building and an opportunity to meet with students and faculty members who work and study in these new facilities. A dinner honoring the Olin Foundation trustees is scheduled later in the evening.

The Olin Foundation was established in 1938 by the late chemical manufacturer, Franklin W. Olin, who founded the foundation from his personal wealth. The foundation's purpose and activities are primarily for constructing and equipping new academic buildings at private

colleges and universities. Since its inception, its grants for this purpose have exceeded \$100 million.

"The Olin Foundation has been committed to quality education since its founding and has provided excellent facilities at many of the nation's most prestigious institutions," President Hulbert said. "The announcement in September, 1981 that Rose-Hulman Institute of Technology had been selected for an Olin-funded building was tantamount to receiving the 'Good Housekeeping Seal of Approval' for quality higher education."

Designed by VOA Associates, Inc., Chicago-based architects who have developed Rose-Hulman's long-range campus master plan, Olin Hall complements the 61-year-old Moench Hall and is an integral part of the newly-created focal point and "gateway to the campus."

Inside, Olin Hall houses state-of-the-art classrooms and laboratories, the most unusual of which is the large two-story "high bay" laboratory in chemical engineering. All of the classrooms, laboratories and offices are equipped for direct access to the main frame computer on the campus.

Fair opens Wednesday

Rose will hold its third annual Alcohol Education Fair Wednesday, Oct. 26. The feature speaker is former governor of Indiana, Otis Bowen. He will discuss the theme "To Drink or Not to Drink - That is the Question."

The program is open to the public and will show free movies, demonstrations, and exhibits.

For more information, see page 3.

In this Issue . . .

Album Review . . . PAGE 2

Alcohol Fair . . . PAGE 3

News Briefs . . . PAGE 3

Olin Feature . . . PAGES 4&5

Sports PAGE 7

Page 9 PAGE 8

Faculty Spotlight

Parshall appointed HSLS head

Dr. Peter Parshall was appointed head of the Humanities Social and Life Sciences (HSLS) division effective October 3.

The appointment of a new division head was necessary after the former head, Tom Mason, was promoted to Vice President for Administration and Finances. The HSLS department

decided to select a present member of the Rose faculty to serve in the position, rather than taking an entire school year to search the nation. Interested candidates gave talks to Dean of Faculty Eifert, department heads, and department members. After all the information from the candidates was gathered, Dean Eifert and Presi-

dent Hulbert made the final decision to appoint Dr. Parshall the new HSLS division head.

"People come up to me in the hall and say 'Congratulations' on my new appointment, and then follow it by offering 'Condolences,' knowing what a headache the job can be. I guess I feel pretty much the same way myself," commented Professor Parshall.

Dr. Parshall graduated from Grinnell College in 1958 with a BA in Sociology and then received his MA from the University of Minnesota in comparative literature. In 1975, he was awarded his PhD in comparative literature from Indiana University. Dr. Parshall has been an instructor at Rose since 1967, and has had previous teaching experience at three state colleges. He has been involved in numerous academic services such as chairing the committee which produced the handbook *Academic Rules and Procedures*, serving as freshman advisor, and acting as advisor for "The Quarterly." Dr. Parshall has been awarded various academic honors from Indiana University and has received two fellowships. Dr. Parshall has also been involved in directing choices and presently is director of the St. Patrick Church Choir in Terre Haute.

Responsibilities of the Division Head include such things as 1) heading the committee that is responsible

Cont. on Page 8

Update

Grad school seminar

by Steve Ghera

Juniors and seniors don't have to camp out for this one. On Oct. 28, the 3rd annual Graduate School Opportunity Seminar will be held in the Worx between 9:30 and 11:30 a.m.

Representatives from 20 graduate schools have been invited. Bill Sisson, director of job placement, anticipates about ten colleges to send representatives. So far, six colleges will definitely attend: Washington University at St. Louis, Northwestern College, Purdue, Notre Dame, Rensselaer Polytechnic Inst., and University of Cincinnati.

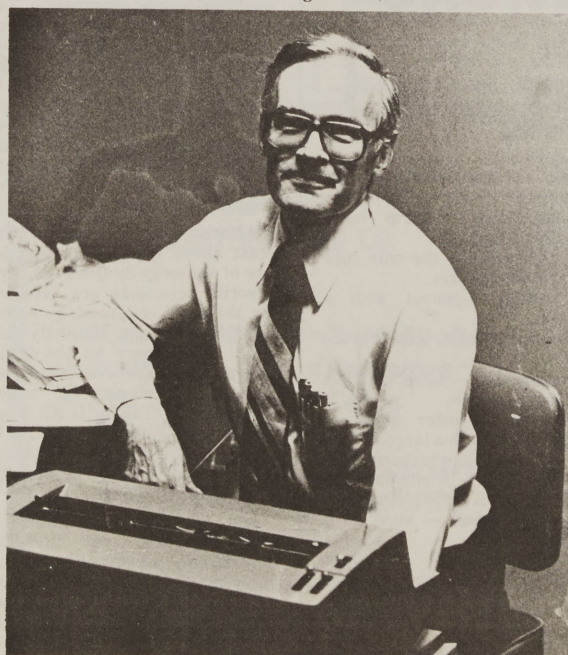
For the first hour, a panel of representatives will answer questions on applying and receiving financial aid, and the pros and cons of graduate schools. The second hour the representatives will answer questions.

Later that day (1:00 - 4:00

p.m.), students may interview individual representatives in the Templeton building. Sign up schedules for these interviews are now available in the placement office. The number of interview slots available are based on how many college representatives there will be and how many students sign up.

The seminar coordinators are Bill Sisson, Dean Eifert, and Dr. Gibson. According to Bill Sisson, "We are unique in that we invite representatives from other academic institutions to come in and interview our students for their graduate programs." This is why there is only a limited number of representatives.

Students at Rose who are going to graduate school are fortunate. Most undergraduate colleges do not have this sort of program for their students. In the words of Mr. Sisson, "We have made it (graduate school) a viable option to the students," Sisson said.



Dr. Peter Parshall has been appointed HSLS division head effective Oct. 3.

EDITORIAL

Why Rose-Hulman?

The following editorial appeared in the freshman edition and is reprinted here for the consideration of everyone.

It is time to start again.

A summer of construction, remodeling, and changes is giving way to an energetic onrush of new faces, new classes, new groups and new experiences. And while the sun will be staying out less and less, Rose students will be staying up more and more. And for what? Why do 200 faculty and staff, 1350 students, and thousands of guests pass through Rose's gates each year? WHY ROSE? Several possible answers are as follows:

Growth — Rose-Hulman's campus is now experiencing its greatest period of growth since its foundation. The new Olin-Hadley complex is just one facet of new improvements. This complex sets a standard that Moench Hall renovating will follow. Rose is also promoting academic excellence with new faculty and new appointments.

Challenge — Rose men are competing among the top four percent of Americans their age in one of the most difficult of disciplines. But Rose students look for more.

Competition abounds in every form at Rose. Varsity athletics, intramural sports, college bowl tournaments, hall olympics, air-guitar contests, talent shows, chess tournaments, math contests — all are ways Rose students take the challenge.

Opportunity — Last year was the worst year for new engineering opportunities since World War II. Rose still placed more engineers than most other colleges in the country. And this year each senior will probably have an average of 16 job interviews. That is by far more initial career opportunities than any other school in the region.

Rose-Hulman offers an extensive co-curricular program. Varsity and intramural athletics, fraternities, student government, and many clubs and organizations already exist and help diversify the Rose learning experience. And if several people want to start a new club at Rose, it is relatively easy to get full faculty and SGA approval. This is not the case in most colleges.

Status — Rose offers a man a way of improving his position in life. Most Rose graduates will start out at salaries near the level of their parents and top that level within 10 years of graduation.

Future — An investment in Rose means an investment in the future — our own future and our society's future. Rose offers a serious personal commitment to graduate placement and alumni organizations. Rose offers students in every curriculum the chance to join societies that they can belong to for life — and usually at considerable benefit. As students of today and the leaders of tomorrow, we are shaping our future and the future of many. We alone are responsible for the consequences of our choices. And Rose-Hulman appears to be one of the first steps in making them right.

Doctorate fellowships offered

The CIC Minorities Fellowships Program will award more than 50 four-year fellowships in 1984 to minority students seeking doctorates in the social sciences, humanities, and the sciences and engineering.

The fellowships provide full tuition and an annual stipend of at least \$6,000 for each of four years. Sponsored by the Committee on Institutional Cooperation (CIC), the consortium of the Big Ten universities and the University of Chicago, the fellowships may be used at any one of the 11 CIC universities to which recipients have been admitted.

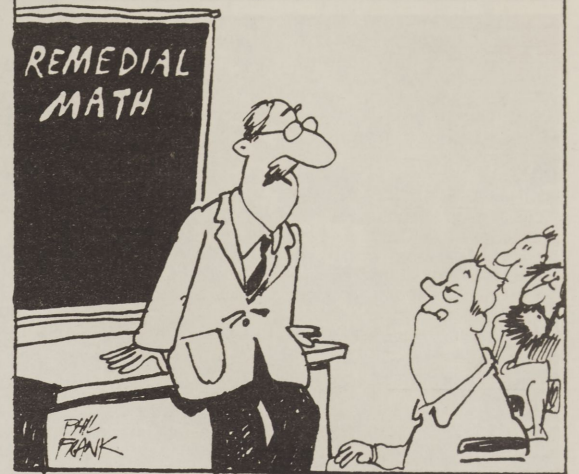
Students from underrepresented minority groups who intend to pursue studies leading to a Ph.D. in the social sciences, humanities, and science fields covered by the program are eligible to apply. A total of 25 fellowships are available in the social sciences.

The deadline for applications for fall, 1984 is Jan. 15, but students are urged to apply as early as possible in the fall. Detailed information about the program can be obtained by writing to the CIC Minorities Fellowships Program, 111 Kirkwood Hall, Indiana University, Bloomington, IN 47405. Prospective applicants from outside Indiana may also call toll-free at 800/457-4420 to obtain information and application forms.

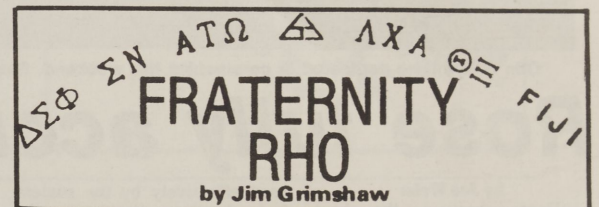
The universities at which the fellowships may be used are the University of Chicago, the University of Illinois, Indiana University, the University of Iowa, the University of Michigan, Michigan State University, the University of Minnesota, Northwestern University, The Ohio State University, Purdue University, and the University of Wisconsin.

FRANKLY SPEAKING ...by phil frank

IF JOHNNY HAS 8 JOINTS
AND SMOKES 5 OF THEM
HOW MANY DOES HE THINK
HE HAS LEFT?



© CREATIVE MEDIA SERVICES Box 5955 Berkeley, CA. 94705



The Lambda Chi Alpha "Run For Those Who Can't" was run last weekend with no major problems. It lasted 27 hours. More information in next week's Thorn.

Fiji collected \$950 for the American Cancer Society a week and a half ago. This is a social service project the chapter is involved with during the fall and spring every year.

Last Saturday, October 15, Alpha Tau Omega helped with the "Run on the Meadows" for Special Olympics. The all-day affair began at 10:00 a.m. with the running of a five kilometer race. Over 150 runners from all age groups ran. The entry fees which amounted to \$1000 were donated to Special Olympics. The contestants were all given T-shirts donated by the Meis merchants. After the race the

Special Olympics Athletes put on a demonstration which included a frisbee throw, 50-meter dash and other events. In between the events, a "battle of the bands" was also held to benefit Special Olympics. A considerable amount of organizational work was done by ATO's co-social service chairman Kyle Farmer. It is hoped that the run for Special Olympics will become an annual event to benefit a very worthwhile organization.

All rushees please remember to return your formal invitations to the IFC today. They were to be returned yesterday, but will still be accepted today. The first formal parties will be next Friday evening, Oct. 28 and Sunday afternoon, Oct. 30. Times of parties will be posted Monday morning, Oct. 24 by the mail-boxes.

Album review

Genesis stronger in new creation

by Robert Gollon

About two years after releasing their successful album "Abacab," Genesis has released yet another studio album, simply titled "Genesis." They may not have changed their musical style very much in the past two years, but "Genesis" does boast a winning collection of songs which, taken as a whole, outperforms "Abacab."

One of the strong points to "Genesis" is its consistency. To put it simply, not a single weak

song appears on this album. All the songs stand alone on their merit, and they are well arranged on this album to produce a smooth flow with contrasting moods throughout. All three members of Genesis take credit for the writing of every song on this album. This is a good sign for any Genesis fan who knows how well this trio of songwriters complement each other. This is evident by looking at their individual work (particularly Phil Collins' two solo

albums) which always falls short of their combined efforts. "Genesis" is another classic example of what good teamwork can do.

Another strength well worth mentioning is the creative musicianship provided by the group members. Phil Collins is at his creative best on drums and percussion, and his voice appears to have more power than ever. The other two members, Tony Banks and Mike Rutherford, add some subtle creativeness to the music, also. This is not to say that the basic structure to each song is anything new or progressive. To be honest, many of the songs are fairly basic in their general structure. (This is not the same Genesis of ten years ago.) However, the development, or musicianship, provided by Genesis plays a very important factor, and adds a large amount of originality and style to every song on the album.

Although all of the songs are at least above average quality, a few of the songs do stand out. My favorite selections are "Home By the Sea," followed by none other than "Second Home By the Sea," which may be the best instrumental ever recorded by Genesis. I would be very surprised if "Taking It All Too Hard" and "Just A Job To Do" do not receive much airplay, and "Mama" has already become a big attraction on adult radio.

As previously mentioned, "Genesis" does not offer a progressive breakthrough from their latest albums, but it does offer a solid collection of hits that are produced and arranged very well. Expect this album to become very popular. **Rating**

(0 to 5): 4.5

Daffynitions



Can you identify which of the following foods are commonly served by ARA and which are not?

baloney — respectable length for a skirt.

barbeque — steak-out.

bread — raw toast.

casserole — a method used by ingenious cooks to get rid of leftover leftovers.

coffee — break fluid.

hot dog — the noblest of dogs because it feeds the hand that bites it.

ice cream — freezy kid stuff.

leftovers — mull-again stew.

milk — first ade.

mushroom — the place where they keep the food for the school cafeteria.

popsicle — slush-kebobs.

raisin — a worried grape.

appetizers — those little bits

you eat until you lose your appetite.

artichoke — strip tease with mayonnaise.

asparagus — the only sure tip on the market.

cashew — peanut with a cold.

crepe suzette — flash in the pan.

croquette — hash that has come to a head.

pheasant under glass — small bird with a large bill.

prune — plum tucked out.

sassafras — what you would never do to a 250-pound frass.

shich kabob — stew on a knife.

Swiss cheese — a bunch of holes strung together.

tangerine — loose-leaf orange.

trifle — a three barreled rifle.

The THORN

Published weekly at Rose-Hulman Institute of Technology, Box 130, 5500 Wabash Ave., Terre Haute, Ind. 47803. Phone 812 877-1511 ext. 258.

Free to students and by subscription at \$6.75 per year.

Editor Alan Hippleheuser
News Editor Geoff Lange
Features Editor Walter Rosenberger
Sports Editor Tim Eubank
Business Manager David Strelow
Ad Manager Mike Sullivan
Subscription/Promotion Manager Joe Weist
Senior Photographer Bob Mattingly
Columnists John Rohlfing, John Weis
Rob Gollon, Jim Grimshaw, Mike Walden
Reporters Geoffrey Lange, Loretta Keller
Scott Mottonen, Rob Jacoby, Scott Cooley
Bob Peacock, "Mush" Copat, Mike Daniel
Al Seifert, Mike Sullivan, Tom Vorjohan
Mitch Day, Mike Walden, Jeff Kavanaugh
Todd Kroeger, Joel Schneider, Byron Bishop
Brian Evans, Erik Schneckloth, Bill Lorenz
Mike Engle, Scott Orr, Steve Ghera, John Rumberg
Photographers Scott Mottonen, Derek Anderson
Layout Kevin Stroud, Kevin Bleicher
Steve Alford, Bob Peacock
Typist Chuck Klingsick
Faculty Adviser Kent Harris

The THORN welcomes letters or comments from readers. In view of length constraints, we reserve the right to limit the lengths of comments and use excerpts from letters. All submitted material must be signed. We will withhold names in special cases only. Articles, ideas and announcements are also desired. All material should be submitted one week before publication.

Resident Assistants attend Alcohol awareness session

by Mitch Day

Under the direction of Tom Miller, Rose RA's (Resident Assistants) recently attended a one-day alcohol awareness session at Fairbanks Chemical dependency Hospital in Indianapolis.

The group saw a short film and talked with a hospital representative about detecting alcohol or marijuana dependence problems. "They didn't stress why not to drink but to tell if someone is an alcoholic, and how to help him," said senior Brian Meyers.

The group met with an MD and discussed the physiological effects of alcohol and other drugs. After lunch the group toured different sections of the hospital. Their first stop was the detoxification center. There a patient's alcohol or drug dependency is gradually reduced by injecting non-dependency drugs into his system, slowly decreasing the amount of the drug in the body until the person can quit.

As described by senior RA Ken Eads, the hospital had inpatient and outpatient programs. The inpatient program includes either an 18 or 28 day stay for receiving treatment. The out-

patient program includes only the treatments. Most of the adults can leave the hospital at will, unless their stay has been directed by a judge.

The group then toured the children's wing of the Hospital where persons under 18 years of age are treated. If a person under 18 is admitted to the hospital, the hospital becomes his legal guardian for the duration of the stay.

After the tour, the group acted out a few real-life scenarios dealing with drug dependency problems.

Some surprising statistics were also discussed at the meeting. From an average class of 30 high school seniors: 3 smoke marijuana daily, 2 consume alcohol daily, 93% have tried alcohol, 60% have tried marijuana, 6 are half-a-pack a day smokers, 17% have tried cocaine, and 12 will have had a sexually transmitted disease at least once. Unfortunately Indiana rates are 4% higher, and rural areas are another 9% higher.

Dr. Otis R. Bowen, former governor of Indiana, will be the featured speaker at Rose-Hulman's third annual Alcohol

Education Fair Wednesday, Oct. 26. Bowen's address, "To Drink or Not To Drink — That Is The Question," will be from 11 a.m. to 12 noon in the auditorium. Tom Miller, student affairs director, said, "We couldn't think of a better keynote speaker than Dr. Bowen, with his medical background and participation on several alcoholism committees."

The fair is sponsored by the Student Affairs Office and the Inter-Fraternity Council, and will feature exhibits, movies and demonstrations dealing with the use of alcohol in Hulman Memorial Union from 8 to 10:30 p.m.

The program, called "Wet or Dry: You Decide Why," is free and open to the public. It is designed to help students examine their views on drinking, to suggest alternatives to drinking and to provide suggestions and guidelines to help those who choose to drink to do so responsibly.

For further information of the fair, contact Miller, Pete Gustafson, assistant dean of student affairs, or Donna Gustafson, director of Hulman Union.

NEWS BRIEFS

Planetarium hosts "To Worlds Unknown"

A thousand rings circling Saturn with bolts of lightning leaping across them. Volcanoes on a moon of Jupiter blasting debris 180 miles upward and producing pastel-colored snow. These are just two of the visits you will encounter in "To Worlds Unknown."

You'll fly down into a canyon on Mars four miles deep and over a volcano seventeen miles high. You'll see the recently discovered lopsided moon of Pluto.

Rediscover the planets and moons of our solar system as newly revealed by astronomers and NASA space probes — worlds where details have never been seen before.

"To Worlds Unknown" was designed and produced by the Hansen Planetarium in Salt Lake City, with assistance from NASA, which provided for the Hansen Planetarium to distribute this program to 500 planetariums around the world where it will be seen by more than 2 million people.

Showtime for "To Worlds Unknown" at the ALLEN MEMORIAL PLANETARIUM are tonight at 7:00 and 8:00 p.m.

There is no admission charge to see the program. You may call for your reservations between 9:00 a.m. and 3:00 p.m. during the school week. The number to call is 238-4272.

Grads receive awards

Four graduates of Rose-Hulman who have distinguished themselves as engineers and through service to their alma mater received Honor Alumni Awards during the annual homecoming awards brunch Saturday, October 2.

Selected to receive the highest honor bestowed by the RoseTech Alumni Association were Benjamin G. Elliott '10, professor emeritus and chairman of mechanical engineering at the University of Wisconsin at Madison; Edward J. Hegarty '15,

retired director of sales training for the Electric Appliance Division of Westinghouse Electric Company; Clay P. "Pete" Watson '24, president of Louisville Bridge and Iron Company; and John E. Tonetti '32, former chief engineer for Bituminous Materials Co., Inc., Terre Haute, and other asphalt product companies.

Each of the Honor Alumni have served as class agent, class reunion chairman or held an office in the RoseTech Alumni Association.

Proffitt at convention

Stephen Proffitt, president of the Indiana Beta chapter of Tau Beta Pi at Rose attended the 1983 Tau Beta Pi convention as a delegate, and served on the Convention Site Selection Committee.

Tau Beta Pi held its 78th annual convention Oct. 6-8 in Urbana-Champaign, Ill. There the architect of the U.S. Capitol, George M. White, addressed over 550 outstanding engineering students.

The convention, hosted by this student chapter at the University of Illinois at Urbana-Champaign, also featured the presentation of awards to the year's

outstanding collegiate chapters, the granting of four new collegiate chapters, and the announcement of the association's 1983 Laureates.

Tau Beta Pi is the national engineering honor society, now with 189 collegiate chapters, 52 chartered alumnus chapters, and an initiated membership of over 270,000. Students in the field of engineering are elected to membership from the top 20%, scholastically, of their classes on the basis of character. Graduate engineers may be elected on the basis of their eminent achievements in the engineering profession.

Energy awareness now

"As 1983 marks the 10th anniversary of the OPEC oil embargo, a time when the public became aware of our great dependency on foreign oil, we must recognize that all of our problems have not been solved," said Lt. Governor

John Mutz.

Mutz, director of the state commerce department which includes the Division of Energy Policy, announced that October 23-29 is National Energy Awareness Week.

ROTC Recap

Cadets take "Big Jump"

by Cpt. William H. Flickinger

It is 6:00 a.m. in the morning, the sun is just coming up, and it is a cool 52 degrees outside. Only a fool would get up out of a warm bed at this hour, especially on a Saturday morning unless he plans on doing something totally new and challenging. That is precisely why 38 students got up so early several weeks ago: they had plans to go skydiving in Frankfort, Indiana.

Though the bus ride was nothing to speak about, it did allow participants a chance to do some additional snoozing. Once at the Frankfort Municipal Airport, activities were plentiful and everyone started preparing mentally for the "Big Jump." The first one-and-one-half hours were spent in a classroom environment where individuals were taught how to check a canopy and what actions to take in the event of a malfunction.

After a short lunch break, the activities were physical with a heavy emphasis on deploying the emergency chute. Each trainee was subjected to three phases.

Each phase had to be mastered before trainees advanced further.

In the first phase, students were exposed to properly loading into the airplane and how to exit for the jump.

The second phase was more physical as trainees laid on the ground spread eagle, rocking back 'n' forth. When "Big Al" (an instructor) asked, "What do you want to be?" all responded with "Skydiver."

It was during phase II that trainees also learned how to land without hurting themselves.

Phase III was the final test as students were suspended from a harness above the ground and were drilled repeatedly on emergency chute deployment. The drill included counting in the spread-eagle (free-fall) position, and checking the canopy as well as learning to guide the canopy by "slipping" left or right.

At the end of all phases, the students were considered qualified to make their first jump. They were nervous. Nobody could then back out, though.

After all, each had paid \$65.00 to learn how to jump out of a perfectly good airplane.

Initially, participants climbed into the plane. Then they rode up to 3000 feet and the command "DOOR" was given (at which time the door was opened). This was then followed by the command to stand outside the plane. Each jumper hung on the strut and stood on a plate just above the landing gear. Now the command "JUMP" was given at which time each participant kicked off and began his count: "1000, 2000, 3000, 5000," and finally glided to earth.

The land zone consisted of several acres of open fields. With a loudspeaker system, "Big Al" guided jumpers down for a safe landing. For 95% of the jumpers, all went perfectly, but one student insisted on landing in a cornfield, and two on the runway. One followed all of "Big Al's" commands perfectly, but still ended up in a slimy ditch. This jumper was dubbed "Amoeba Man."

ROTC will sponsor this event again in the spring and it is open to all students in ROTC and others as space permits.

Editor's Note: CPT William H. Flickinger is an assistant Professor of Military Science at Rose.

Expanded facilities

- SAUNA • WHIRLPOOL • TOWEL SERVICE
- OLYMPIC WEIGHTS

JOIN UP TODAY!

Enjoy now thru May 28th

Nautilus offers supervised programs for all your fitness needs.

FREE TRIAL 235-1229

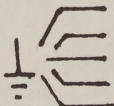
STUDENT SPECIAL!

Exercise on the most progressive tool in the history of exercise.

Membership Now thru May 28, 1984 **\$95.00**

nautilus
EXERCISE & FITNESS CENTER

HONEY CREEK RAQUETBALL CLUB



INDUSTRIAL
ELECTRONIC
DISTRIBUTING CO.

- Memory Chips
- Books
- TTL
- CMOS
- Capacitors
- Wire Sockets
- Resistors
- Tools
- Kits
- Bishop Graphics
- Vector Bread Boards

1708 S. 8th Street

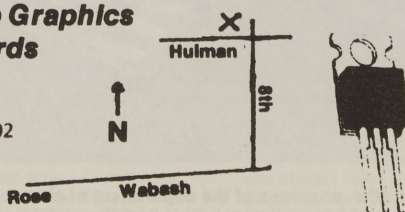
Terre Haute, Indiana 47802

Ph. 812-232-3528

"A Pro-Am Electronics Center"

Regular Store Hours:
Mon. thru Fri.-8:30 til 5:30
Saturday-8:30 til 4:00

Jim-pak
with more components



Olin Hall dedicated

Grant builds image

by Walter Rosenberger
Features Editor

"Getting the Olin grant was like getting the Good House-keeping Seal of Approval."

This is how President Samuel F. Hulbert puts the grant from the Olin Foundation into perspective. "Olin identifies with institutions they feel will blossom onto the national level," Hulbert said. "The grant was the first real national recognition for Rose. Previously, we've been known mostly in Indiana and by the accomplishments of our alumni."

The real significance of the Olin gift goes beyond the building it made possible. Far more important and extensive is the momentum it builds in contributions and in achieving a standard of excellence. "To get the Olin grant is to open a lot of doors," Hulbert said. "We've been able to match the five million dollar grant three to one. Without the grant, we would have gotten maybe four or five million dollars. That's money we can use to renovate Moench Hall or for financial aid. And when bids came in low, we were able to get \$500,000 worth more lab equipment than we would have."

A new classroom/laboratory building was the top priority in a **Blueprint for Excellence**, the master plan Hulbert made after he got to Rose in 1976. The plan contained an architect's drawing for a building that is basically the same as Olin Hall. "We had the plans drawn up and submitted them to Olin," Hulbert said. "I think the developed plans were a point in

our favor. I think the Olin people recognized that we did a better job of planning than most institutions."

"When Olin came out to review the campus and plans, I think the quality of the students was the real eye-catcher. The second thing was probably our planning efforts. They were also impressed that we knew so much about what we wanted to do, and with our knowledge of our alumni (Who had what position in a company on the **Fortune 500**). Also, an indication of solidarity, that everyone knew what was needed, helped. "Everybody they talked to — students and faculty — were pushing for the same thing: getting a new building," Hulbert said.

The Olin grant ranks second in magnitude only to the Hulman gift, received in 1971. "Right now," Hulbert said, "the Olin gift is probably the second most important event for the school in the last 50 years. The Hulman gift provided the basis to get better; it enabled us to concentrate on academic excellence. We got (more) good people: faculty, staff and students."

"The Olin grant enabled us to get classy facilities. These facilities attract more interest in Rose-Hulman and make it easier to attract more people. We've done a great deal with what we had, but we never had facilities commensurate with our people," he said.

The new facilities make it easier to take pride in the school and do a lot to dispel the jokes (however truthful) about rats

down in the bowels of Moench Hall. Right now, we're going through the process of hiring a new Chem E professor," Hulbert said. "Instead of showing him the dungeons where Chem E used to be, we can show him all the nice new labs."

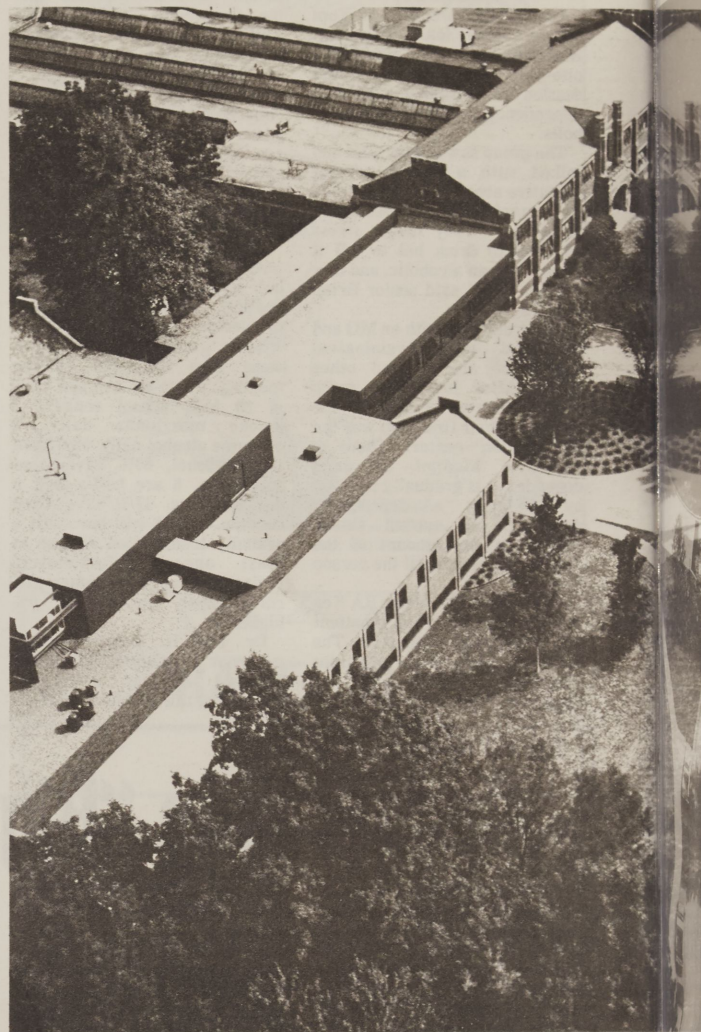
"We were really inadequate in lab space," he said. "The new labs will improve scheduling and allow more sections, in addition to reducing crowded conditions. Also, they will create a more favorable reputation for Rose, because recruiters will perceive that this is a quality place."

"There are no losers," he said. "Alumni can brag, students get better facilities, and recruiting is helped. You can't say that things aren't getting better."

With the completion of Olin and Hadley Halls, this might seem like the close of a period of development, a time to survey the progress that has been made. Instead, it is a time for improvement to gain momentum. After Moench Hall is rebuilt to Olin Hall standards, Hulbert would like to see a performing arts building. But for now, the Olin Foundation has provided a new building and a stepping stone.

"The main thing the Olin grant has done is to give the school confidence," Hulbert said. "When we first started out to raise the money, many people didn't think it could be done. There were those who wanted to set up mobile home trailers as classrooms. But we decided we were going to build quality."

"The more you believe in yourself," he said, "the more you get done."



Planning, patience rewarded

by Jim Grimshaw

On Sept. 3, 1981, Rose-Hulman signed a contract with Olin Foundation, Inc., for a grant of 4.75 million dollars to be used for the construction and equipping of Rose's new academic building. The event was a climax to three years of searching by the Rose staff.

It was Sept. 20, 1978 when Rose made its first contact with the Olin Foundation, a private foundation in New York established in 1938 by the late Franklin W. Olin, primarily to support construction and equipping of academic buildings on private colleges and universities. President Hulbert took the master plan, an outline for the development of Rose's facilities in the next decade, to Olin to see if they would be interested in assisting in construction of the new facilities. Lawrence Milas, then the Vice-President and Counsel of Olin Foundation, explained that they were not ready for a proposal from Rose-Hulman at the time, and it could be several years before they could accept one.

A year later, in November of 1979, Ron Reeves, Vice-President for Development, went to New York to see if the Olin Foundation was ready to accept another proposal. They agreed to accept a proposal for the academic building, which is now Olin Hall. Reeves was the chief correspondent for Rose and he followed the process to the end, when the contract was signed.

Not long after Rose submitted the official proposal to the foundation. Reeves followed up on the proposal with another visit to New York in March of 1980 to help explain it and answer any questions. At first the foundation requested that Rose send financial information about the institute. Later, they asked for general information about the academic programs, the students and the faculty.

"We sent them a great deal of information," Reeves said. "We supplied information on the financial status of Rose and five-year studies of the students, including a number of National Merit Scholars, students' rankings in high school and the average SAT scores of the incoming freshmen."

"Olin also requested information about the faculty, including their educational backgrounds and research in which they were involved. Alumni were also considered,

including placement and student

merging into the industrial

The Olin Foundation considers applications each year and must investigate each request to decide which college or university receives the grant.

In November of 1980, Pickford, chief engineer for the visited campus. This was a stone for Rose and a significant under serious consideration and chief engineer of the visit every campus that suits to them.

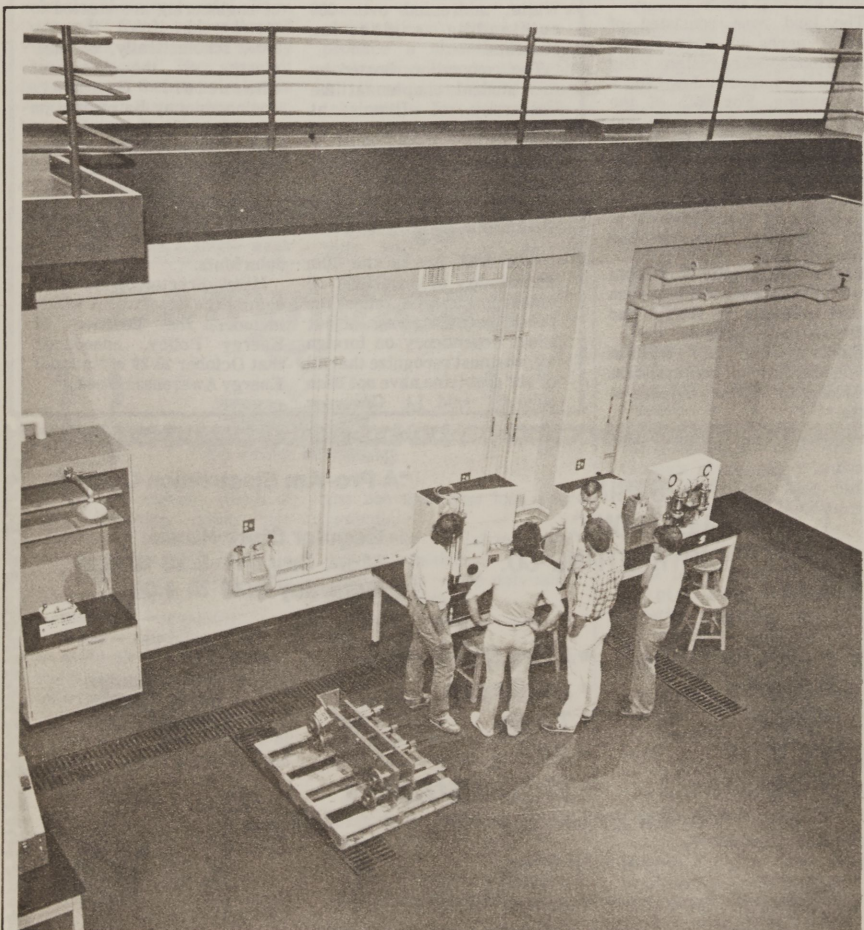
After the visit, more supplied to the foundation. a year since the process started be another six months before receive the final decision, know that. Olin does not a specific time each year. accept proposals from schools grants whenever they deserving recipient and the to do so.

Approximately four months visit, Reeves made his final New York, to see if he could questions or supply any more

"On my last visit to New York me that Rose needed to provide information for the foundation and have to present it in front of Directors," said Reeves. "I felt pretty confident."

In June, three months after New York, Reeves and several staff presented Rose-Hulman Technology to the Olin Foundation Board of Directors. Rose received a 4.75 million dollar grant to build a building. In July, during a meeting, president Hulbert called from Olin, telling him that recipient of the grant. Needless much work was accomplished except that Hulbert had all the sirens blown on campus.

The contract was signed on Sept. 8, a press conference to announce the grant and in coming, there was a dedication. Mr. Carlton Helming, then of the Foundation, attended the



Dr. Sam Hite, chairman of the department of chemical engineering, explains the capabilities of a new piece of lab equipment. This high-bay lab is one of Olin Hall's biggest features.

ed this weekend

Civils gain independence, new labs

by Mike Walden

One of the departments moving into Olin Hall is the civil engineering department. New labs and a new environment add up to a fresh start for the newly independent department.

With its move into Olin Hall the civil engineering department has become independent of the mechanical engineering department. Along with new office space, Olin has brought the department new labs and a great deal of new equipment to enhance learning.

New equipment is now available to students in each of the following labs: soils, asphalt, environmental, hydrolics, construction, and architecture. A surveying room has been set up with separate stations containing a complete set of surveying equipment instead of the setup in the old surveying area — all the equipment stuffed into one closet containing everything.

The move to Olin has given them a chance to improve and revise the layout of the labs. One such lab, the environmental lab, also doubled as a hallway in the basement of Moench. It now contains new equipment such as an ozone generator to study this important gas.

Computer terminals are available in all the labs with outlets set up in each classroom too. Six IBM personal computers have also been purchased for use in the labs. These, along with their printers and plotters allow students to acquaint themselves with these widely used machines and gain hands-on experience which will help them when working in industry.

A darkroom has been built in

Olin Hall to allow students to photographically study the elasticity of certain materials. This along with other new equipment will be used to analyze structures in general.

An architecture lab is another new addition to the civil engineering labs. In this lab, stations are available containing individual drawers with locks so this type of work may be done and kept in Olin instead of at home. Complementing this are a blueprint machine to eliminate the cost and hassle of getting blueprints downtown and software for plotting architectural-type drawings on the computer. Drafting machines for the architectural lab are also in the works.

Other aids have been purchased for classroom use. Videotape machines are now utilized in the lab and classroom to record lectures. For example, the senior project, building a bridge over Lost Creek, is being videotaped so that techniques and errors can be analyzed and discussed in class.

The faculty also benefit from the move to Olin Hall. More office space along with new office machines belonging to the civil engineering department alone will make life easier in this area. Computer terminals in each office with VAX or 11/70 capabilities at the flick of a switch will make it easier to prepare lectures beforehand and quicker for the professors to do other computer work.

The new equipment and expanded facilities created with the establishment of Olin Hall should greatly enhance the learning that takes place in this newly independent department.



CE professor Cecil Lobo and senior Jim Francisco use a new test fixture.

OLIN HALL DEDICATION

October 22, 10:00 a.m.

Master of Ceremonies and Welcome: Dr. Samuel F. Hulbert, President, Rose-Hulman; Appreciation from the Constituencies of Rose-Hulman: City of Terre Haute: P. Pete Chalos, Mayor; Board of Managers: Jack W.

Ragle, Chairman
National Board of Advisors: Carl R. Wischmeyer, Bell Laboratories
Alumni Association: Robert Steinhauser, President
Board of Associates: Paul A. Benning, Jr., Chairman
Administration: Dr. James R. Eifert, V.P. Academic Affairs
Faculty: Dr. J. Darrell Gib-

son, Faculty Representative
Student Body: Joseph S. Kunkel, President SGA
Staff and Friends: Ronald G. Reeves, V.P. Development
Presentation of Keys: Wilmont Vickrey, V.O.A. Associates
Dedication of Olin Hall: Dr. Samuel F. Hulbert
Invocation: Dr. Herman A. Moench, Sr. V.P. Rose-Hulman

Life sciences transplanted

by Mike Walden

With the entrance of the new Olin Hall, come new offices and laboratory space. One of the departments with new space is the life sciences department.

The old life science facilities were located in the "dungeon" of Moench Hall where the ROTC department is now located. The major difference between the old and the new is room. More lab space is now available for laboratory work.

This makes lab space available for six to nine full time projects besides the regular laboratory experiments. Included also are facilities for the preservation of laboratory animals which were not available in the old lab and a surgery facility with its own air system to dispense odors, which had been a major problem in the old lab.

New equipment has also been purchased for use in the life sciences department, such as telescopes to cut down on the need for sharing. New fume hoods have been installed in the laboratory so there is less danger when working with toxic substances like ether. This had created a health hazard in the old lab.

The list continues with more new equipment available to life science students. One feature which will greatly help to upgrade not only life sciences' but also other departments' labs is the availability of computer terminals in the laboratory so results can be quickly checked or

compared to calculated results.

The classroom lectures are also influenced favorably by the new facilities. With the laboratory next door to the classroom short experiments or procedures can be done in class without the hassle of three flights of stairs. These help students get more out of the lectures by allowing them to see demonstrations in the classroom as they learn about them.

One of the things Dr. Will Stratten, head of the life sciences department, looks forward to is the integration of the department with other departments in different student projects. An ME student can now use animals in a certain project much more easily. EE projects involving bio-instrumentation can be done in the life sciences laboratory. The Faraday room, a special room free of radio waves can be utilized in making microchips, which cannot be done without this type of environment.

The new lab will also permit students to take an active role in research in independent study and with the research projects of Dr. Stratten and psychology professor Dr. Brophy.

In a longer range look, this upgraded and modern laboratory should allow for a better integration of the departments with the life science department and attract more students to the life sciences. Also, an increase in students coming to Rose for premed is possible because of the new facilities.



Life sciences professor Will Staten supervises the use of new lab equipment. The lab has capabilities to preserve tissue, being without the supply of live rats the old Moench Hall lab provided.

Fine Arts Preview

Drama Club readies Shakespearean play

by Jim Grimshaw

The Rose-Hulman Drama Club rehearsals are winding down as the opening of their fall play, "The Taming of the Shrew," nears. The show opens next Thursday night, October 27, at 8:00 p.m., in the Moench Hall Auditorium. The show will also run Friday and Saturday nights, October 28 and 29 at 8:00 p.m. Celebrating its 20th season this year, the drama club is expecting a big audience for the play.

"The Taming of the Shrew" was written by William Shakespeare in the early 1590's and is considered by many as his best comedy. The show addresses the battle of the sexes, written at a time when the woman was supposed to be subordinate to the man. Katharina is a shrew, ill-tempered and curses as they come, although very physically

attractive. Being the oldest daughter in a wealthy family, she must marry before her beautiful younger sister Bianca may marry.

Two plots highlight the show, one being the wooing of Bianca. The other plot presents Katharina and her husband-to-be, Petruchio. Much of the comedy of the show is the courting and marriage of Katharina by the seemingly wild Petruchio. At first attracted to Katharina by her wealth, Petruchio is soon challenged by her fiery spirit. Not the man who would accept the temperament of a shrew, he reverses the roles on his mate by being even more cursed and ugly than she.

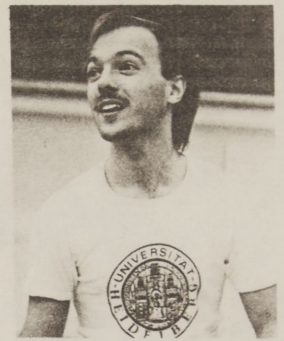
Although the two exchange harsh words throughout the play, a surprising relationship has developed at the close of the curtain. A different relationship

develops between Katharina's seemingly cultured sister, Bianca, and her husband Lucentio, a highly regarded, well educated man.

Mike Gregory, a sophomore at Rose, portrays Petruchio while Penny Eberhard, a graduate student at ISU, is the ill-tempered Katharina. Beth Fearnow, a senior at ISU, plays the beautiful Bianca and stage veteran and president of Rose Drama Club, John Rholting, plays Lucentio. The total cast consists of 21 members, the majority consisting of very talented underclassmen. The show will be on a thrust stage, a constructed extension of the regular state, so that the audience surrounds the cast on three sides.

Directing the play is Sheila Wahamaki, an energetic graduate student in theater at ISU. Sheila has been involved with Rose Drama since the fall of 1980. She worked backstage and directed choreography for two years before becoming director of the 1982 fall play "Stalag 17." Since then she has directed the spring musical "The Roar of the Greasepaint, the Smell of the Crowd." The assistant to the director for his play is Owen Strawn, a sophomore at Rose.

Tickets for the play are on sale now. They may be reserved by calling the drama club office at 877-1511, ext. 424. They will also be available at the door. Seats for the show will not be reserved, however.



Actor Rholting looks his best.



Director Sheila Wahamaki watches her actors prepare for Shakespeare's "Taming of the Shrew." The show opens this Thursday night.

"On Nov. 17th, adopt a friend who smokes."



Help a friend get through the day without a cigarette. They might just quit forever. And that's important. Because good friends are hard to find. And even tougher to lose.

THE GREAT AMERICAN SMOKEOUT
AMERICAN CANCER SOCIETY



RICK JOHNSON

HIS N' HERS HAIRStyling World

Haircuts, \$4.00 to \$6.00 1983 Hairstyles, \$11.00

Minutes From Campus!

1440 South 25th 232-0631

LICENSED BARBER & BEAUTICIAN



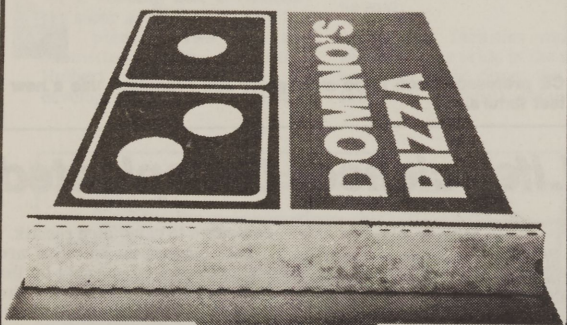
Nuclear Engineers

EARN OVER \$1,000 A MONTH AND OPEN THE DOOR TO A TOP ENGINEERING FUTURE

How many corporations would be willing to pay you \$1,000 a month during your junior and senior years just so you'd join the company after graduation? Under a special Navy program we're doing just that. It's called the Nuclear Propulsion Officer Candidate-College Program. And under it, you'll not only get great pay during your junior and senior years, but after graduation you'll receive a year of valuable graduate-level training that is not available from any other employer.

If you are a sophomore, junior or senior with a grade point average of 3.0 and majoring in math, engineering or physical sciences, find out more today. Let your career pay off while still in college.

For more information, call the Naval Management Programs Officer toll free at: 1-800-382-9782.



This is
no cheap
pizza.

Oh, sure, we could cut down on the size, use artificial cheese, skimp on the items and then sell it two for one. But we just don't believe in doing business that way.

For over 20 years, we've been making the best pizza we know how, and we've been delivering it free, in 30 minutes or less. Call us, tonight.

Drivers carry under \$20.
© 1982 Domino's Pizza, Inc.



\$2

\$2.00 off any 16" 2-item or more pizza. One coupon per pizza. Expires: 12-31-83

Fast, Free Delivery
927 Wabash
Phone: 232-8133
2600 Wabash
K-Mart Plaza
Phone: 234-4940

Limited delivery area.
26229 / 2530



ELECTRICAL ENGINEERS

MECHANICAL ENGINEERS, CHEMICAL ENGINEERS, PHYSICISTS

Our recruiter will be visiting your campus on

October 28, 1983

Contact the job placement office for interview times and appointments.

Judge the patentability of scientific and engineering discoveries made by R & D engineers, inventors and scientists world-wide as a

PATENT EXAMINER

in Washington, D.C.

The Patent and Trademark Office has unique career opportunities offering • Challenge and responsibility • Career growth • Outstanding career Federal Government service benefits

For more information about your career as a Patent Examiner contact:

Manager, College Relations
Office of Personnel
Patent and Trademark Office
Washington, D.C. 20231

Call toll-free 800-368-3064
(703) 557-3631 (Collect in VA)



An Equal Opportunity Employer m/f • U.S. Citizenship Required

1958 Team Honored

Rose-Hulman Institute of Technology will commemorate the 25th anniversary of its last undefeated football team from 1958 during Saturday's game with Centre College. Approximately 21 members of that team, including head coach Phil Brown and star running back Dr. Carl "Rocky" Haerakovich, will attend the ceremonies.

A pre-game luncheon will be held for the team on Saturday morning in Hulman Memorial Union. The team also will be honored at halftime of the football game, and a dinner will be held for the team and members of the current Engineer coaching staff Saturday evening.

Rose-Hulman, known then as Rose Polytechnic Institute, went 8-0 in 1958 and won the Prairie Conference Championship. It was the school's first undefeated squad since 1941 and it won 15 straight games from 1957-58 to set a new school standard.

The season was the last that Brown coached the Engineers. He guided the team for 30 years and became known as "Mr. Football at Rose Poly." Rose-Hulman dedicated its football field in honor of Brown in 1969.

Now retired and living in Cape Canaveral, Fla., Brown will give a pep talk to the current Engineer squad on Friday at approximately 5:15 p.m.

Rose-Hulman raced to its eight

victories in 1958 in rather easy fashion. Led by the fleet-footed Herakovich and a stingy defense, the Engineers disposed of St. Procopius (42-0, away), North Park (21-6, away), Eureka (78-6, home), Concordia (26-0, home), Franklin (12-0, away), Illinois College (40-7, home), Principia (24-0, home) and Earlham (27-12, away).

Herakovich, currently professor of engineering science and mechanics at Virginia Tech and a football official in the Atlantic Coast Conference, led the nation in scoring that year with 168 points. He was selected captain and most valuable player of the squad and had a top effort of five touchdowns and 40 points against Eureka.

The defensive unit game up a mere 31 points that year and was ranked first in the nation in overall defense.

Besides Brown and Herakovich, others expected to attend include: Back Joe Andel, Guard Larry Fahrenkamp, Center Chuck Gilbert, End Bart Gronberg, Guard Dan Kingery, Tackle Ed Kostra, Tackle Bill Kuchar, Quarterback Bob McWilliams, Back Bob Michael, Tackle Clarence "Mike" Munro, Guard Dick Pike, Guard Al Raquet, Guard Don Scott, End Jack Schreiner, End Elwood "Woody" Stroupe, Back Robert "Joe" Tmpleton, Back Jim Wyrick, Back Bill Yochum, End Jack Fenoglio.

Basketball Team Begins

The Rose-Hulman Institute of Technology basketball team begins preparing for the 1983-84 season Saturday when it opens pre-season practice in Shook Memorial Fieldhouse. Coach John Mutchner's squad opens the season Nov. 28 at College Athletic Conference opponent Principia College.

Rose-Hulman is coming off a 14-13 season in which it placed third in the C.A.C. with a 6-4 mark. But riding the strength of five returning starters, all of which are seniors, the Engineers should improve on that record and have their 10th consecutive winning campaign.

"Having five senior starters back has got to be an advantage for us," said Mutchner, who is 278-228 in 20 seasons at Rose-Hulman. "Any time you can start five seniors you've got to feel good going into a season. I'm looking forward to getting started and so are the players."

A trio of all-league selections are among the Engineers' returnees. They include 6-8 center Dean Stanley (Sr., Ft. Wayne), 6-4 forward and captain Keith Kemp (Sr., Tell City) and 6-0 guard Rob Ewing (Sr., Indianapolis). Also back are 6-4 forward Jeff Chandler (Sr., Princeton) and 6-1 point guard Lyman Busard (Sr., Lakeville).

Stanley led the team in scoring last year with a 16.8 average, while Kemp was the team's most valuable player and hauled in 9.3 rebounds per contest. Ewing chipped in 15 points per outing last season.

Mutchner said his priorities for pre-season drills are to reacquaint his veterans with the

offense and defense and to get a talented group of freshmen used to his system.

"We don't change things very much, so our upperclassmen have to review our offense and defense and we've got to fit the freshmen in," he said. "The freshmen can learn our system pretty quickly, but it will take a while for them to get the timing down and get a feel for the other players."

The freshmen include a pair of forwards and a pair of guards. The forwards are 6-6 Jeff Rea (Attica) and 6-5 David Plantz (LaPorte), and the guards are 6-5 Marc Ruhling (Goshen) and 6-3 Jon Homer (Cincinnati).

Others who should contribute include 6-0 guard Scott Williams (Sr., Kokomo); 6-4 forward Brad Bentley (Jr., Terre Haute); 6-4 center Curt Wehrley (Jr., Liberty); 5-11 guard Brad Kiess (So., Decatur); 6-5 forward Andy Cruosh So., Whiting) and 6-5 center Jeff Wheeler (So., Englewood, Ohio).

The Engineers have six weeks to prepare for their opener against Principia College, but the team has final exam week and a quarter break to contend with. Nevertheless, Mutchner believes the team should still be in good shape with a veteran cast returning.

"Overall, we should be a little stronger this year," he said. "We have an interesting blend of senior experience and quality freshmen. How well we do will be determined by the chemistry we are able to develop from that mixture. It could be a good year."

Soccer Team Action

Last week the Rose-Hulman soccer team closed out a four-game stand when it faced Indiana Central University in a 3 p.m. contest. Following that game, Jim Rendel's team traveled to Wabash College for an 11 a.m. game on Saturday and to Bellarmine College for a 2 p.m. match on Sunday.

Last season the Engineers knocked off both Indiana Central and Wabash. Rose-Hulman captured a 6-1 decision over ICU in Indianapolis and took a 3-1 Illinois-Indiana Intercollegiate

Soccer Conference with Wabash at home. The Engineers did not face Bellarmine last season.

Rose-Hulman fell to 0-7 in the year when it dropped a pair of non-league home games to Taylor University and Maryville College of St. Louis. The Engineers dropped a tough 4-2 decision to Taylor on Saturday before being handed an 8-0 setback by Maryville on Sunday.

Halfback Paul Price (Fr., Westerville, Ohio) and forward Gordon Hathaway (So., New

Thorn Sports

Rose Loses Close Contest

by Bill Lorenz

The Rose-Hulman football team could not hold off a late drive by Wabash in the fourth quarter as the Little Giants went on to defeat the Engineers 14-0. The loss dropped Rose's record on the season to 3-4 while Wabash increased their mark to 4-1.

The game was deadlocked at 0-0 until 2:31 of the fourth quarter when Wabash jumped on the scoreboard with a 2-yard touchdown run. The run capped off a controversial Little Giant drive which covered 65 yards in 16 plays and consumed almost seven minutes. The controversy came when Wabash went for the first down on a fourth and one at the Rose-Hulman 18-yard line. The Engineers apparently held the Little Giants until the officials spotted the ball themselves and made their own measurements which indicated a Little giant first down.

The second Little Giant touchdown came with 7 seconds left in the game after a Wabash defender picked off a Mike Trenh pass. This put the Little Giants up by two touchdowns as they went on to win.

Wabash entered the game averaging 402.3 yards per game, but the Engineer defense held the potent Wabash offense to only 254 yards. The Rose defense was led by Ron Wilson who had 17 total tackles and Ron Savoia who added 16 tackles and two quarterback sacks for 30 yards. Junior cornerback Joe Rauch increased his team leading interception mark to 5 as he picked off two more passes against the Little Giants.

Offensively, senior tailback Rod Schrader and junior fullback

Mike Ritz combined for 78 yards rushing. The quarterback duty was split again last Saturday as junior Duncan Gilmore played the first half while senior Mike Trench played the remainder of the contest. Between the two they completed 7 of 21 passes for 54 yards. Rose-Hulman's field position was aided by Rod Schrader who quick-kicked the football four times from regular formation on fourth down.

Following the game head coach Bob Thompson had these comments: "I'm very proud of the way we played against a great team like Wabash. The defense collapsed to the ball real well and we put good pressure on their quarterback. I'm frustrated we didn't score, but

we played as hard as we could against a good defense. We lost this game, but this is the best we've played this year and we did it against an awfully good football team. I'm awfully proud of our kids."

Rose-Hulman Institute of Technology and Centre College lock horns at Phil Brown Field Saturday in a battle for first place in the College Athletic Conference. "I think we're hungry after the way we played against Wabash. And quite frankly, Centre embarrassed us last year. We probably played our poorest game of the year last year against them. Our kids have an opportunity to win our conference and I think that's enough to spur them on."

C. C. Results

by Erik Schneckloth

The Rose-Hulman cross country team finished seventh at the Little State Championships last Friday with 191 points.

The Engineers had many fine individual performances at the meet. Dean Kuny, Dennis Dobbs, Roger Hruskovich, Tracy Houpt and Bryan Millard all ran fast enough to enter Rose-Hulman's all-time top 15 runners. Kyle Hayes and Greg Gibson, already in the top 15, moved up in the standings.

The top five runner for Rose set a school record in the total team time. The group included Greg Gibson, Kyle Hayes, Dean Kuny,

Dennis Dobbs and Roger Hruskovich.

The three-man junior record was broken by Hayes, Bryan Millard, and Bill Bandy. The three-man freshman record was also broken. Kuny, Dobbs and Hruskovich accomplished the feat.

Engineer results were: Greg Gibson (25:27), Kyle Hayes (25:44), Dennis Dobbs (26:01), Roger Hruskovich (26:11), Tracy Houpt (26:17), Bryan Millard (26:21), Scott Orr (26:39), Bill Bandy (26:54), Carl Czarnik (26:55), Kyle Farmer (26:59), Gene LeBoeuf (27:01), Chris Goss (27:41), Kurt Kelso (27:45), Greg Chapman (27:59).

Greg Gibson Paces Harriers

by Erik Schneckloth

Greg Gibson is the only senior on a young Cross Country squad, but he has made a large contribution to the team's success. Running 1st or 2nd for Rose all season long, Greg has filled the role of Captain very well. Coach Bill Welch has praised Greg for "doing an excellent job and working very hard."

Greg is the son of Mr. and Mrs. Gibson of Terre Haute. Greg attended Terre Haute North High School, where he ran cross country and track. He is currently a civil engineering major and a member of the Alpha Tau Omega fraternity.

This is Greg's fourth year on the varsity cross country team. He has only been a member of three varsity track squads. Greg is a captain in cross country this fall and will be the distance captain in track during the winter and spring.

Greg is one of the top runners in the conference in both CC and

track. He has finished in the top ten at conference in cross country for the past two years. In track, Greg placed in two events at last year's conference meet — 2nd in 1500 meter run and 4th in the 800 meter.

Being a member of Rose-Hulman's all-time top 15 cross country runners is one of Greg's biggest accomplishments. He also was a member of the varsity

team that set the school record in CC in 1982, and one of the runners of the team that set the sophomore CC school record. Greg was a member of the Rose team that set a school record at the Hokem-Karem meet at Wabash.

Injury problems have troubled Greg in the past. Last year he sustained a stress fracture in his leg during cross country.



Greg Gibson is providing the leadership for this year's cross country team.

Page 9

School named in dioxin suit

Seven seniors from the Who's-She(?) Institute of Theology have named Who's-She(?) and the Hookdower Chemical Company in a multi-million (or seven jobs, whichever comes first) dioxin suit.

Recent scientific evidence collected by Dr. S. Gary and Uncle Gus Loose has conclusively shown that dioxin was accidentally dumped in the oil used in the manufacturing of the new asphalt in front of the Tumbledown Misplacement Center. The dioxin then absorbed through down-filled sleeping bags and Bring-Some-Bedding Hall furniture into the bloodstreams of the students sleeping in front of Misplacement.

Each of the seven students have complained of various ailments, including displacements of the kidneys, bladder, and heart; vericose arthritis; swollen kneecaps; and general paranoid schizophrenia. After the students learned not to cut in front of each other in line, however, it was discovered that every student involved in the suit developed a chromosomal mutation.

The students, Jerry Genocide, Greg Welby, MD, Hockey Rink, Eric Lucious, Greg Faulty, Carl Sandburg, Brett Maul and a late-blooming salesman who wished to remain anonymous (but whose name is Bill), have all developed a rare XYZ chromosomal mutation wherein the X and Y chromosomes are joined by a mutant Z chromosome. This causes an excessive amount of enthusiasm to be shown towards doing homework and sleeping outside and a deep craving to be interviewed by Terrible Holo Tribute-Scarred photographers.

Countless other students were saved from the dioxin plight by the heroics of Ron Savaboya, whose early-morning warning brought his fellow classmates out of the contaminated area. His 5 a.m. wake-up call alerted the sleeping job-seekers before the dioxin had a chance to fully absorb through their sleeping bags.

The suit has caused much commotion amongst the administration of Who's-She(?). Samule Hulmburp, President of Who's-She(?) said in his official statement from Hasmore Hall and Office Space: "I'm proud of how quickly Ole Inn and Hasmore Hall and Office Space has been built. And think of all the Parking lots we're repaving this fall!"



The original title of *Gone with the Wind* was *Tomorrow is Another Day*.

Parshall Chairman for HSLS

(cont. from front page)

for hiring new faculty members, 2) arranging administrative work such as class schedules and ordering text books, 3) establishing long range goals with the division and implementing them, and 4) recommending to the administration salary, promotion and tenure of the faculty members.

Before setting new long range goals, Dr. Parshall will try to accomplish the goals that the department has set in the past. Although Dr. Parshall has not officially set department goals, he has a general idea where he wants to steer the HSLS department. He believes Rose graduates should be "flexible in their thinking and sensitive in their personal dealings so they can advance in their careers." He would like the department to publish and mail to prospective students, a brochure explaining the importance of a liberal scientific education to the Rose student. Dr. Parshall would like each division member to develop a personal mission statement on a yearly basis so he knows where the faculty wants to go.

CLASSIFIED

Need a ride home? Have something to sell? Thornies is for you!

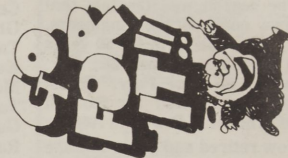
Thornies is a new business oriented, classified ad section. To run an add, simply clip out the coupon below and return it to us. Please use the clearest possible language. We reserve the right to refuse an advertisement on the basis of quality.

Prices: First 10 words \$1.00
11 to 15 words \$1.25
16 to 20 words \$1.50
21 to 25 words \$1.75
26 to 30 words \$2.00

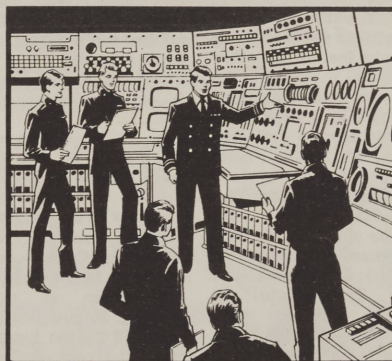
THORNIES

Name _____
Box _____
Date of Issue _____
Advertisement (Please Print): _____

Please return, with payment, to Box 130 the Friday before publication.



Before We Put You In Charge Of The World's Most Sophisticated Nuclear Equipment, We Put You Through The World's Most Sophisticated Nuclear Training.



It takes more than 16 months of intensive training to become a fully qualified officer in the Nuclear Navy. You begin with four months of leadership training. Then as a Navy officer you get a full year of graduate-level training unavailable anywhere else at any price.

Navy training is based on more than 1900 reactor-years of experience. Right now the Navy operates over half the nuclear reactors in America. And the Navy's nuclear equipment is the most sophisticated in the world. That's why your Navy training is and must be the most sophisticated in the world.

As an officer in the Nuclear Navy, you have decision-making authority immediately. You get important management responsibility fast. Because in the Navy, as your knowledge grows, so does your responsibility.

Your training and experience place you among the country's most qualified professionals. (No surprise

that most of the men who operate the reactors in private industry started in the Nuclear Navy.)

It takes more time and more effort to become an officer in the Nuclear Navy. But the rewards are greater, too.

The rewards can begin as early as your junior year in college. Qualify, and the Navy will pay you approximately \$1000/month while you finish school.

After four years, with regular promotions and salary increases, you can be earning as much as \$40,500. That's on top of a benefits package that includes medical and dental care, and 30 days' vacation earned every year. More responsibility, more money, more future. So, if you're majoring in math,

engineering or the physical sciences, and you want to know more about a future in nuclear power, fill in the coupon.

Today's Nuclear Navy is an opportunity like no other in the world.

NAVY OPPORTUNITY INFORMATION CENTER W 342
P.O. Box 5000, Clifton, NJ 07015

☐ Please send me more information about becoming an officer in the Nuclear Navy. (ON)

Name _____ First _____ (Please Print) Last _____

Address _____ Apt. # _____

City _____ State _____ Zip _____

Age _____ College/University _____

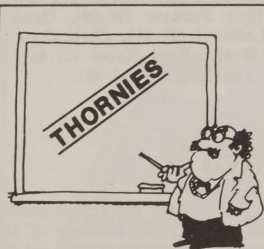
Year in College _____ GPA _____

Major/Minor _____

Phone Number _____ (Area Code) _____ Best Time to Call _____

This is for general recruitment information. You do not have to furnish any of the information requested. Of course, the more we know, the more we can help to determine the kinds of Navy positions for which you qualify.

Navy Officers Get Responsibility Fast.



Rose-Hulman

CLASSIFIED ADS

LOST & FOUND — small sum of money on campus week of 10/10. To claim, identify the time, date, amount and place. Box 266.

BUSINESS OPPORTUNITY — EARN \$500 OR MORE EACH SCHOOL YEAR. FLEXIBLE HOURS. MONTHLY PAYMENT FOR PLACING POSTERS ON CAMPUS. BONUS BASED ON RESULTS. PRIZES AWARDED AS WELL. 800-526-0883.

When you
ABSOLUTELY POSITIVELY

Have to Look
Your Best . . .

NICK'S SALONS

"Across the street
from Ponderosa's"

2314 Wabash Avenue
232-2446

625 Cherry St.
232-2575

1620 No. Third
234-5498